

**FIG. 1**

$$\begin{array}{c} \text{H}_2\text{N}-\text{CH}_2-\text{COOH} \\ | \\ \text{NH}_2^+ \end{array}$$

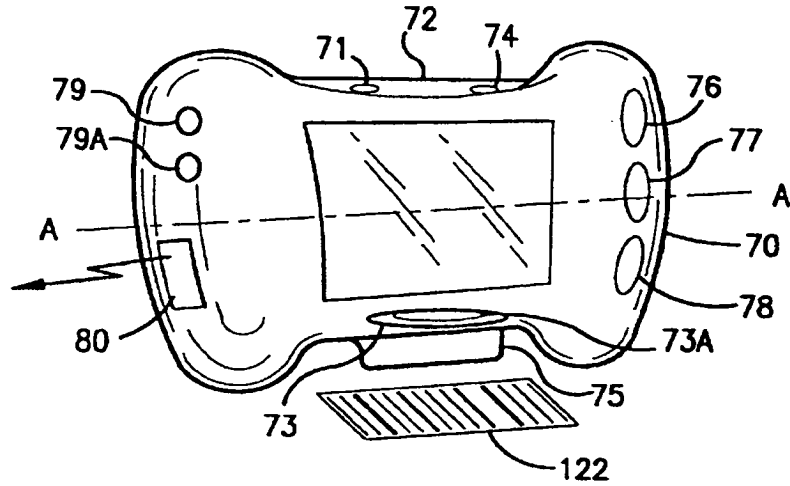


FIG. 2

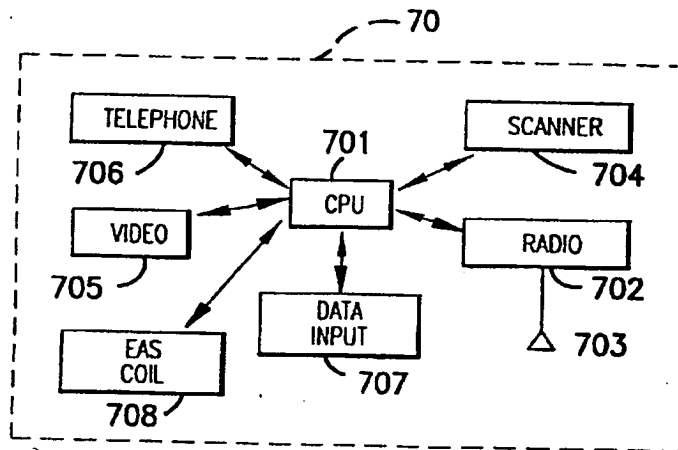


FIG. 3

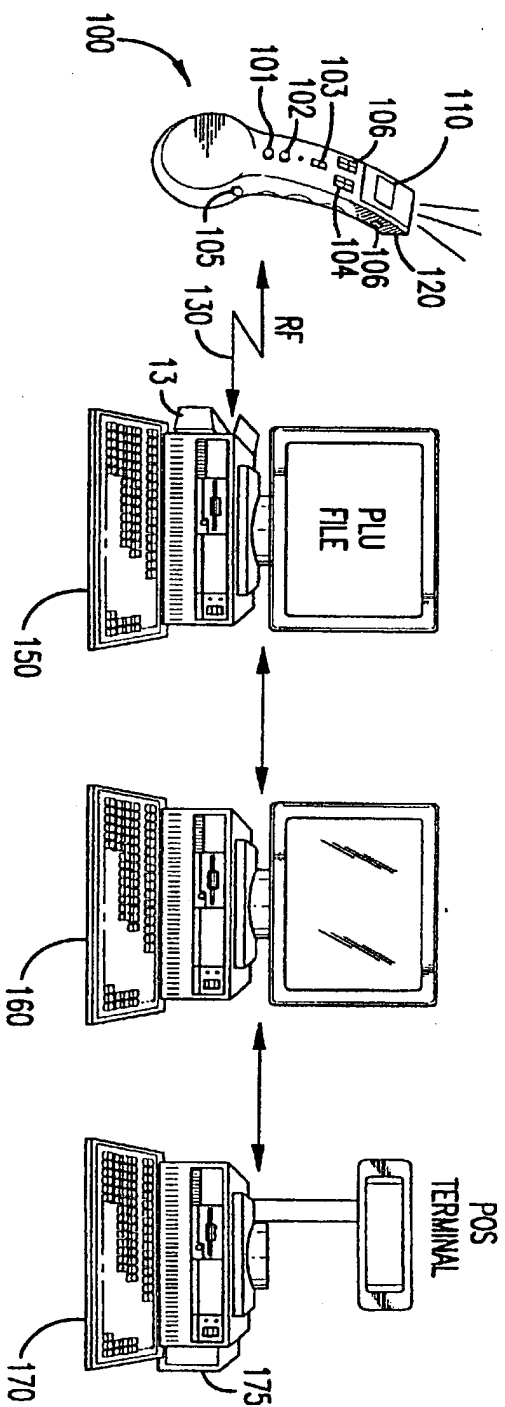


FIG.4

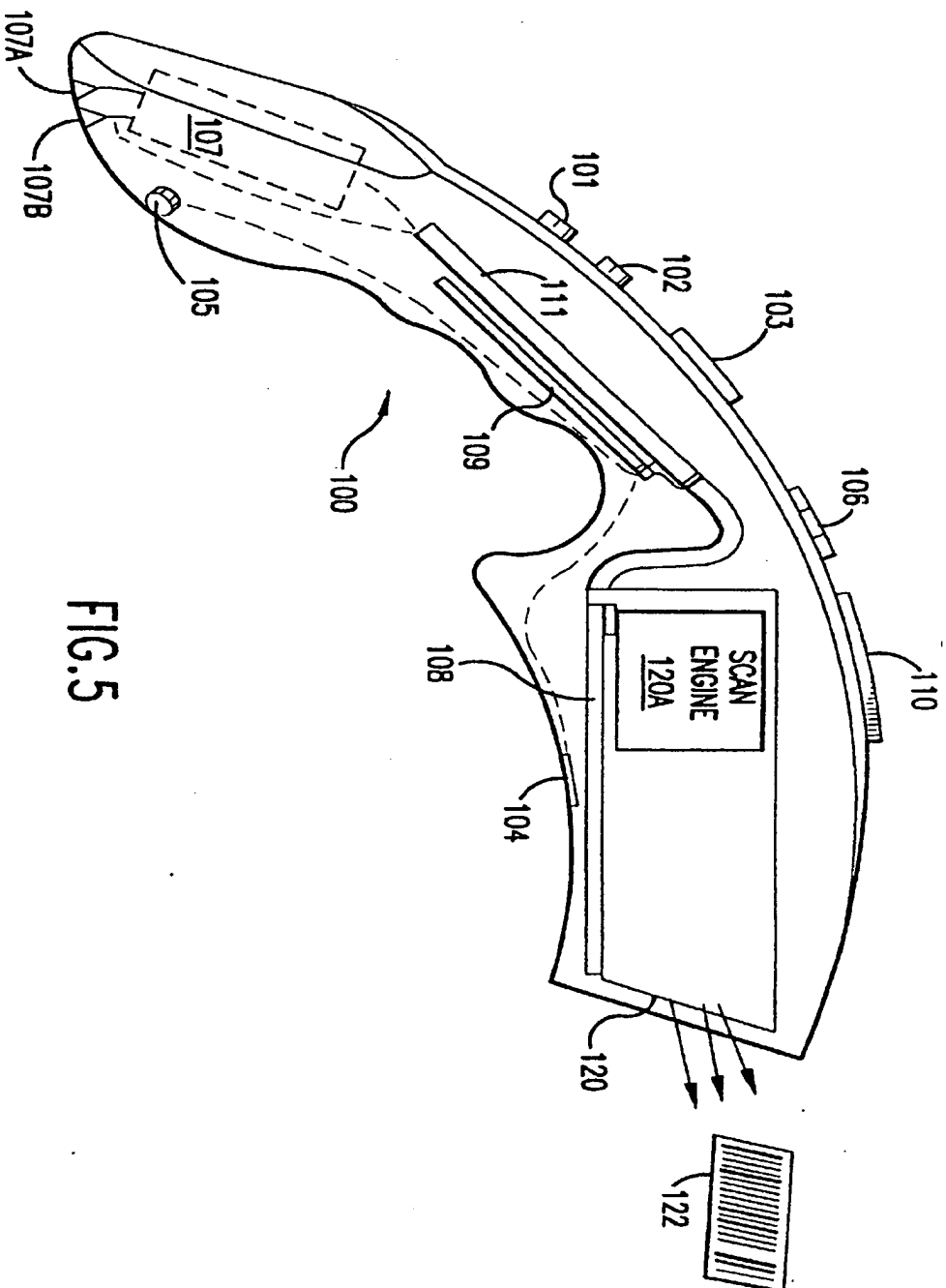


FIG. 5

The diagram illustrates a system architecture for a customer service console. The console (800) is a large rectangular unit containing a computer (810) with a monitor and keyboard. The computer is connected to four peripheral devices: a card writer (830), a report printer (840), a receipt printer (850), and a card reader (820). These devices are all connected to a central server (150) via a network. The server is also connected to an entrance unit (220) and a dispenser unit holding scanners (230). A network switch (160) is connected to the server and two additional units (170).

FIG. 6

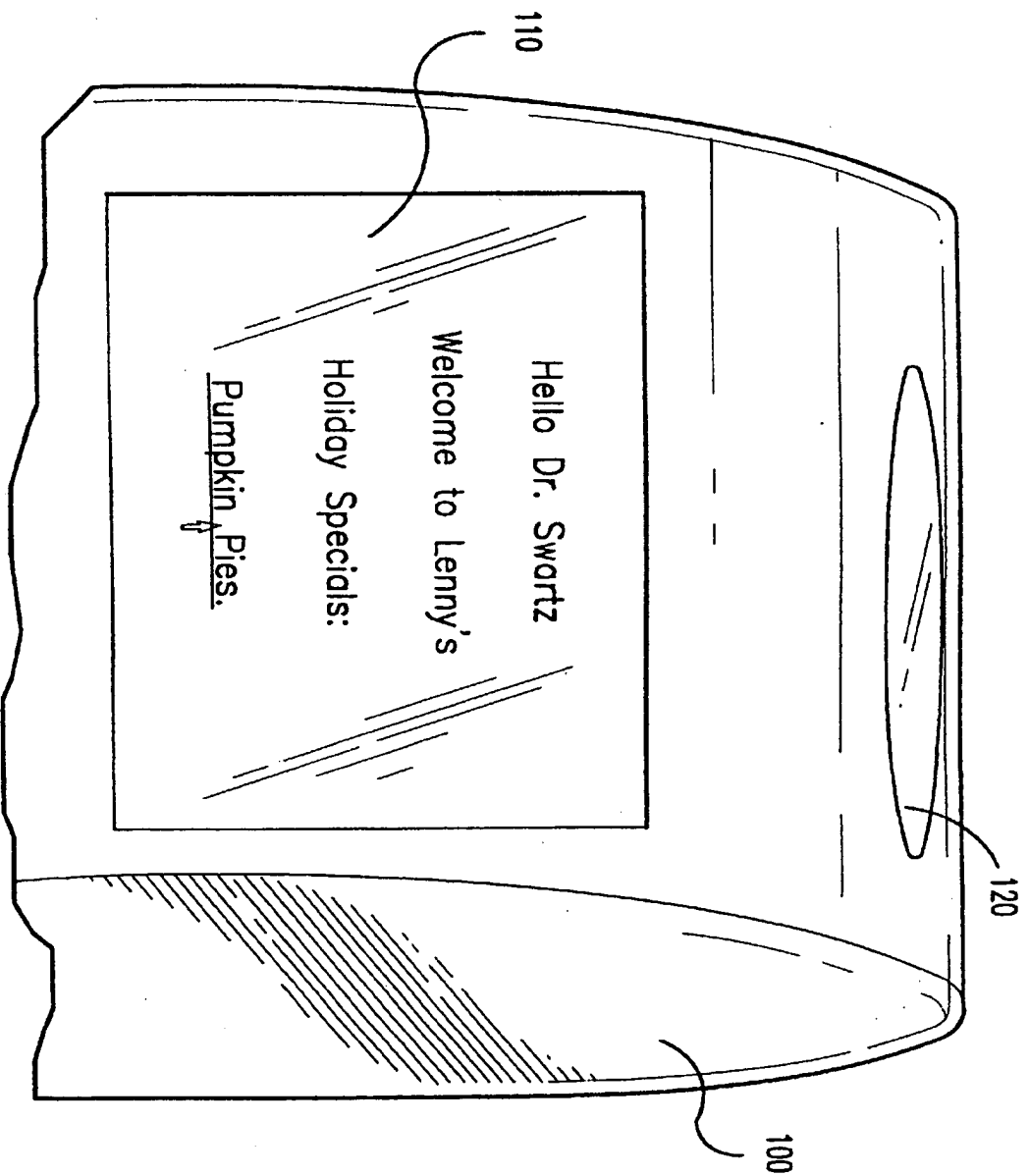


FIG. 7A

00107022 0041000

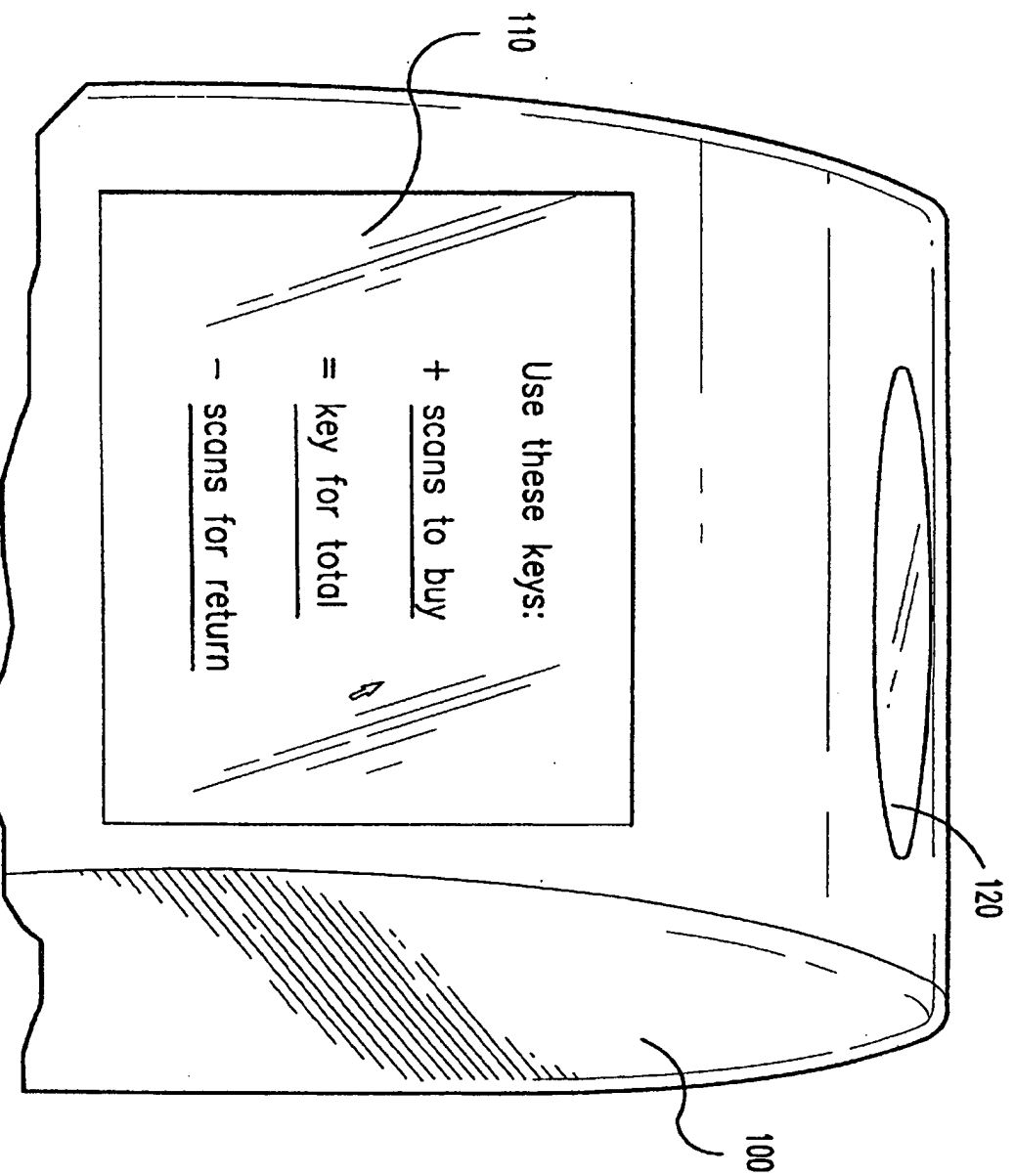


FIG. 7B

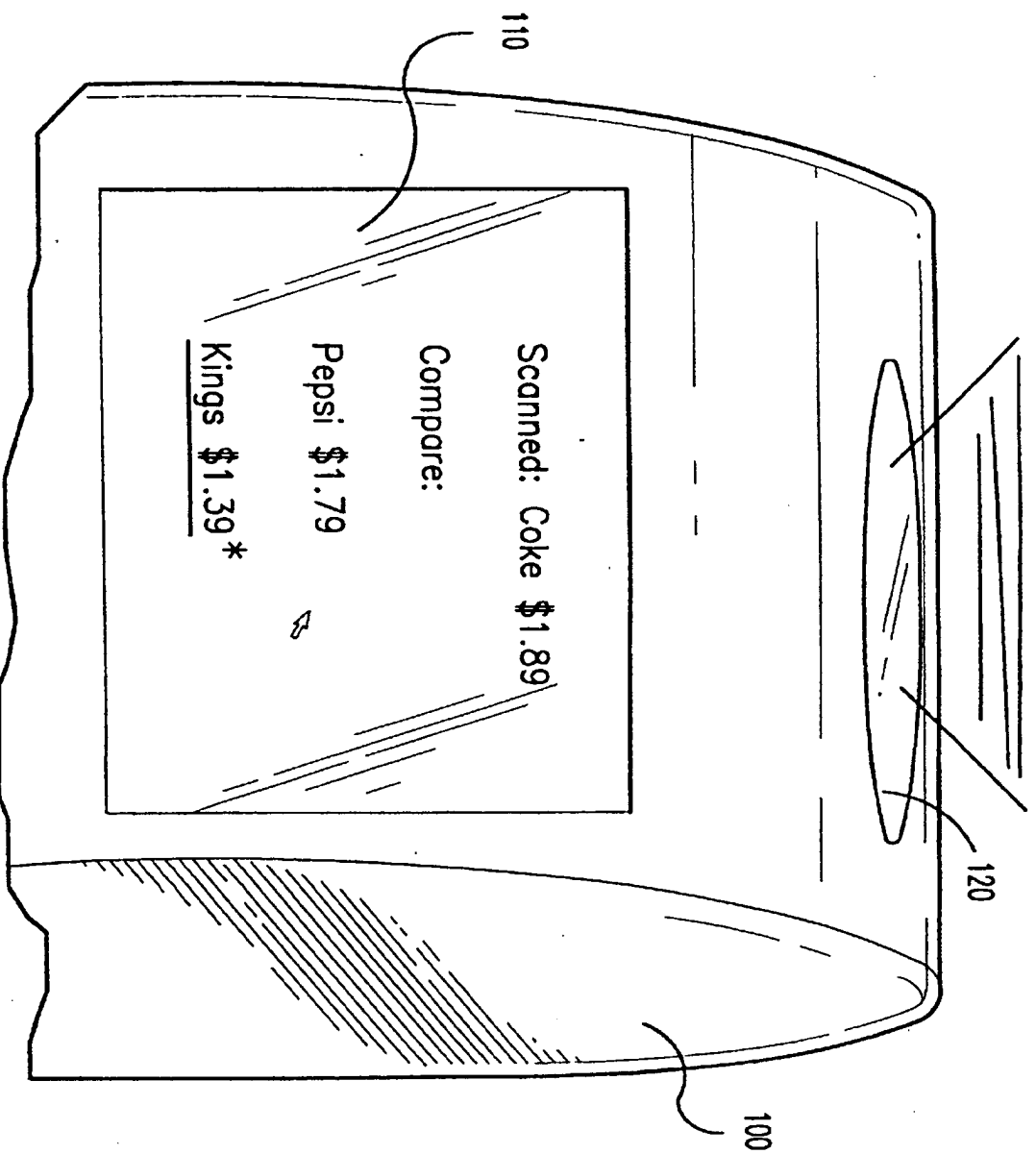


FIG. 7C

00107222 041000



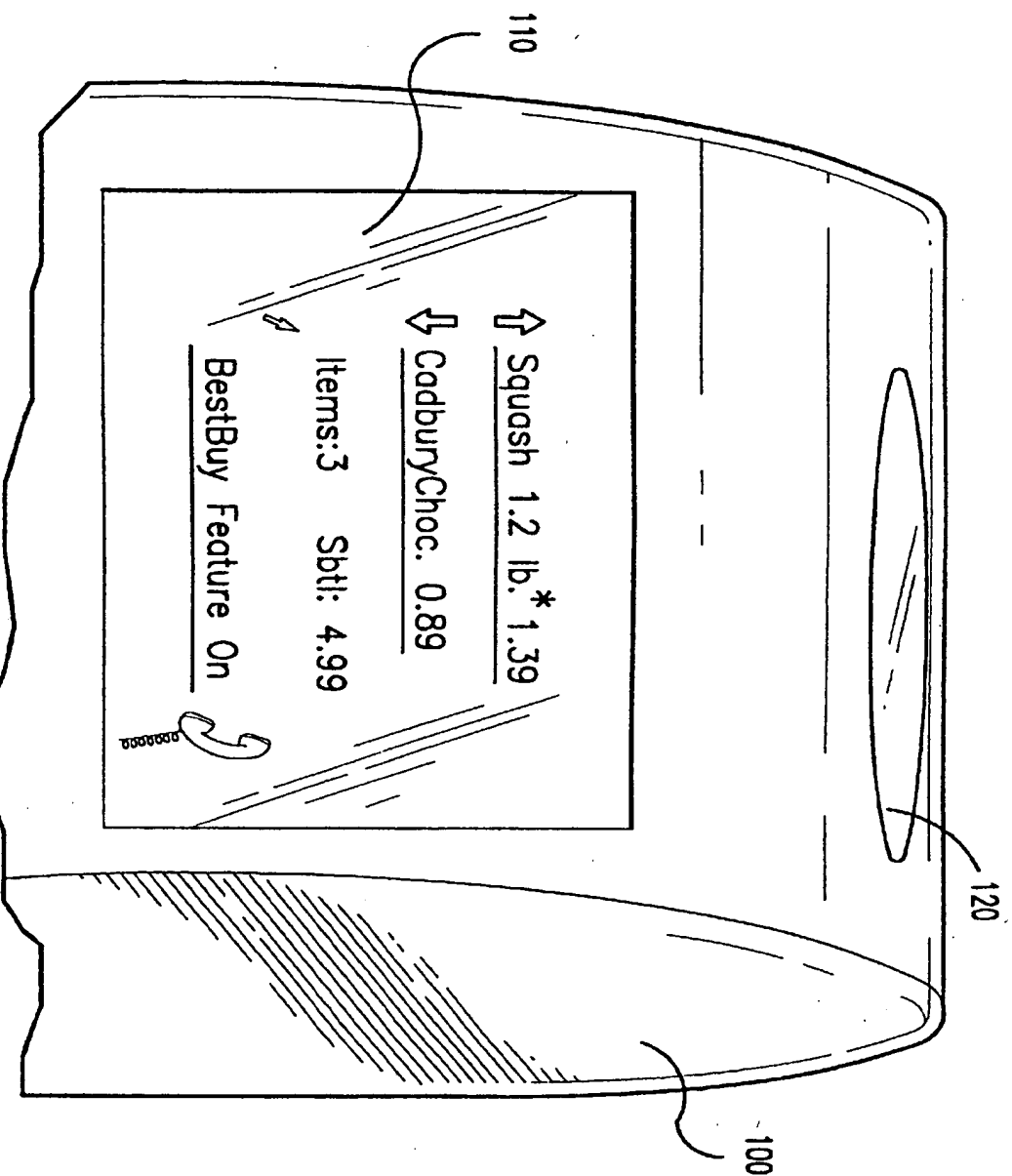


FIG. 7D

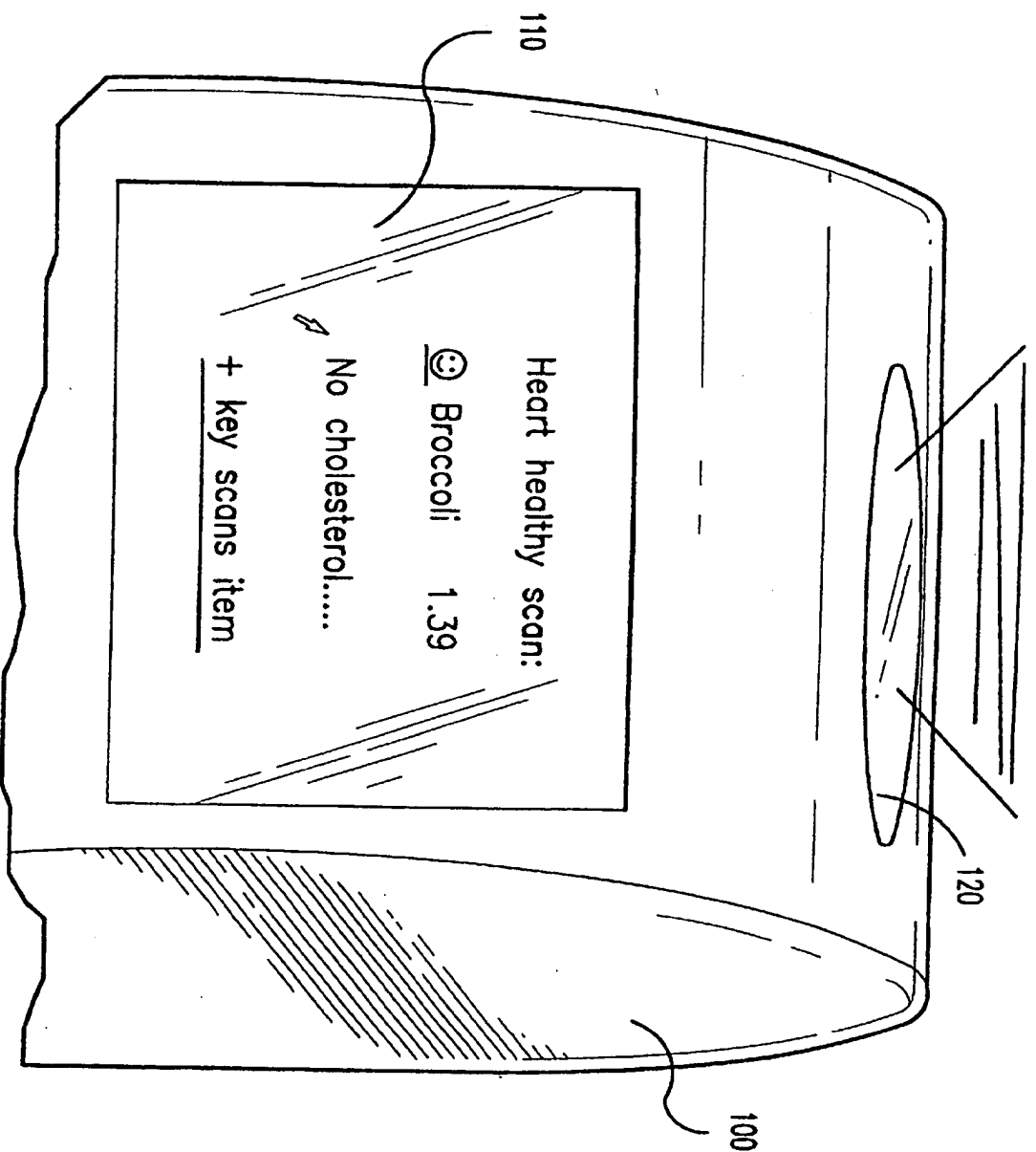


FIG. 7E

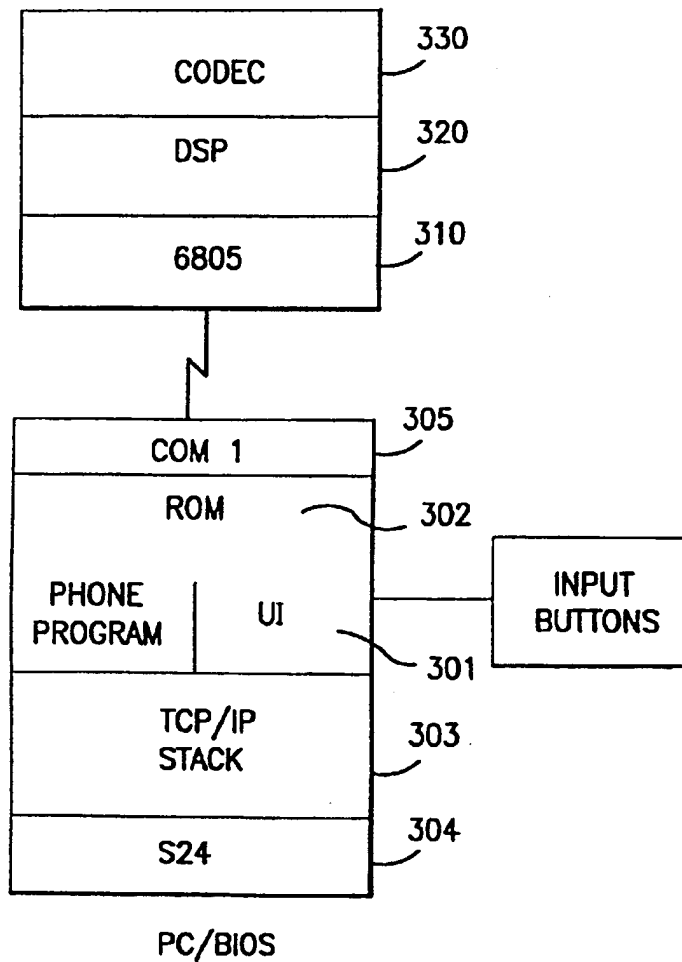


FIG.8

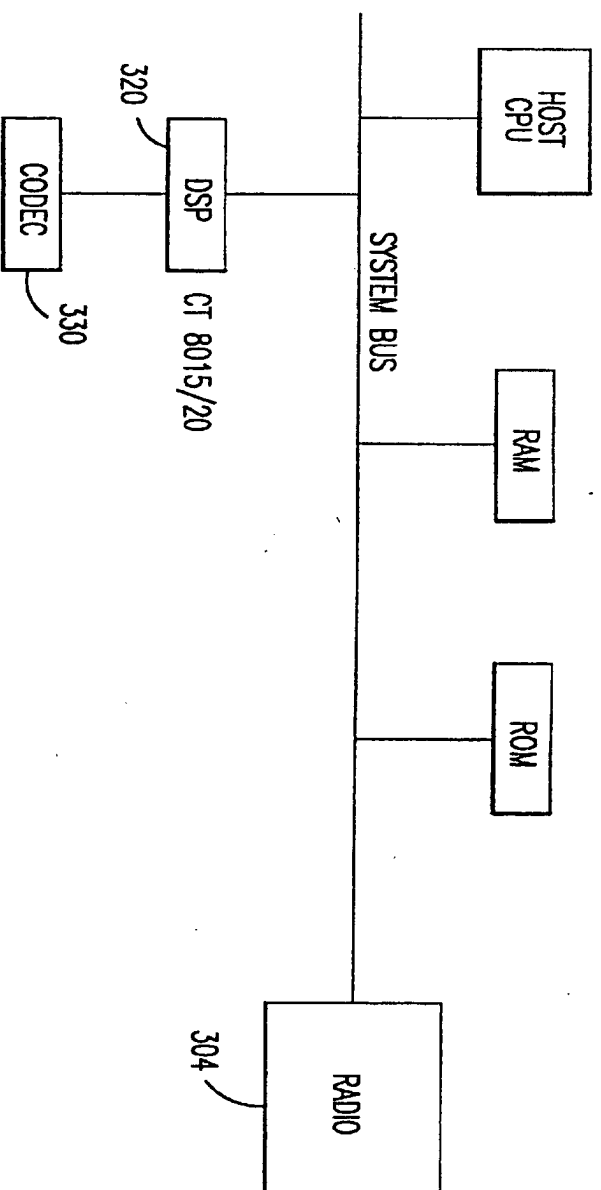


FIG. 8B

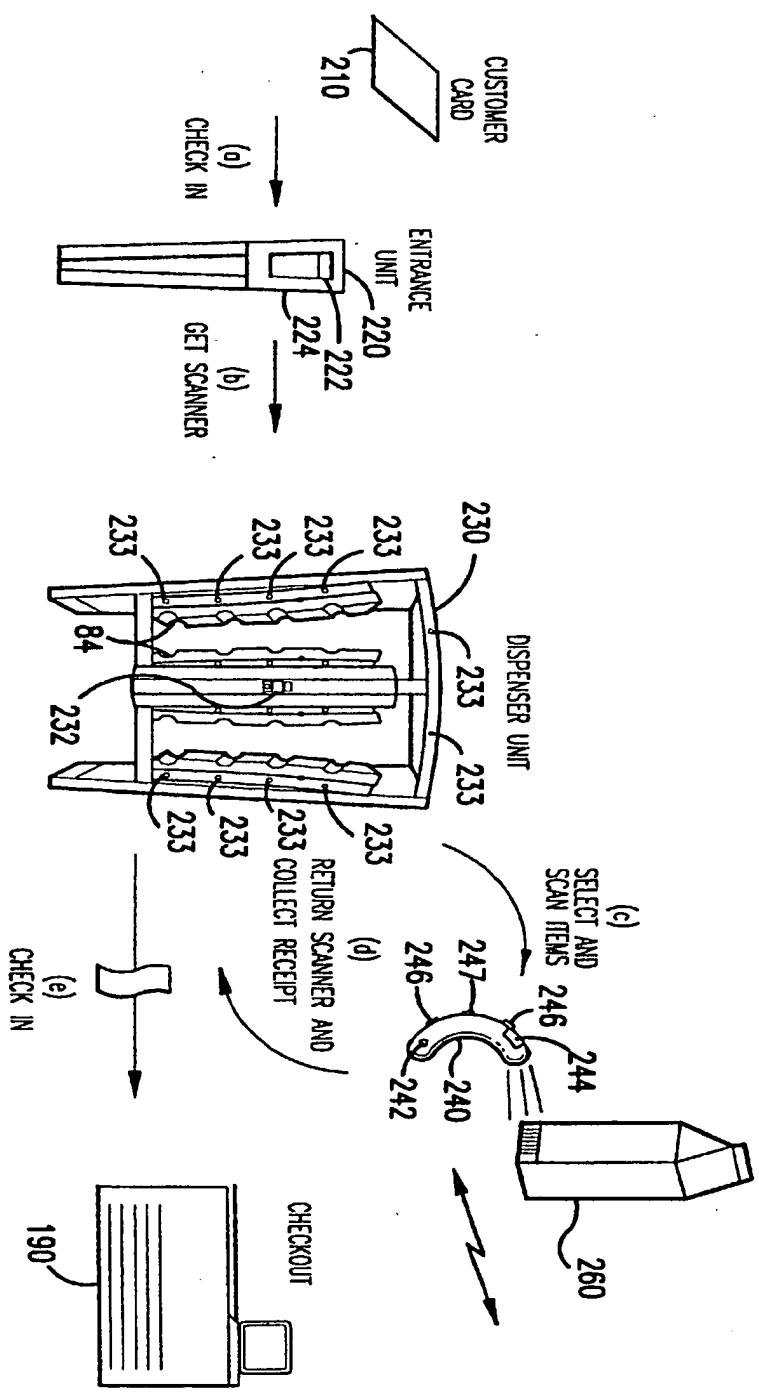


FIG. 9

00187923 014000

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graph TD
    A[CONNECT TO CENTRAL HOST] --> B[CREATE LIST]
    B --> C{HOME DELIVERY}
    C -- YES --> F[DELIVER ORDER TO ATTENDANT WITH PORTABLE TERMINAL.]
    C -- NO --> D{PICK-UP}
    D -- NO --> E[STORE LIST IN CUSTOMER FILE]
    D -- YES --> F
    E --> G[PRESENT TO CUSTOMER UPON ISSUANCE OF PORTABLE TERMINAL]
    F --> H[SELECT PAYMENT SCHEME AND DELIVERY DATE AND LOCATION]
    H --> I[CONFIRM ORDER AND PAYMENT]
    I --> J[SCAN ITEMS AND CORRECT IN MARKED CONTAINERS]
    J --> K[DELIVER CONTAINER TO CUSTOMER SELECTED DELIVERY SITE]
  
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FIG. 10

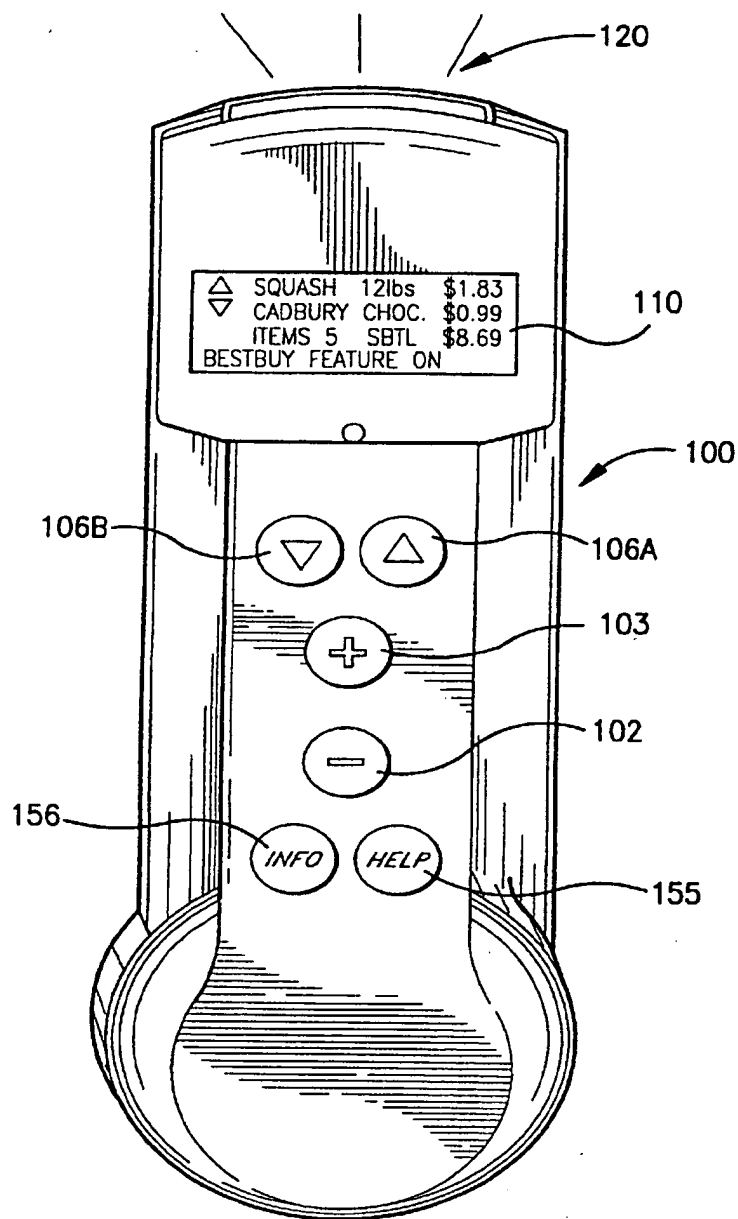
[illegible]

FIG. 11

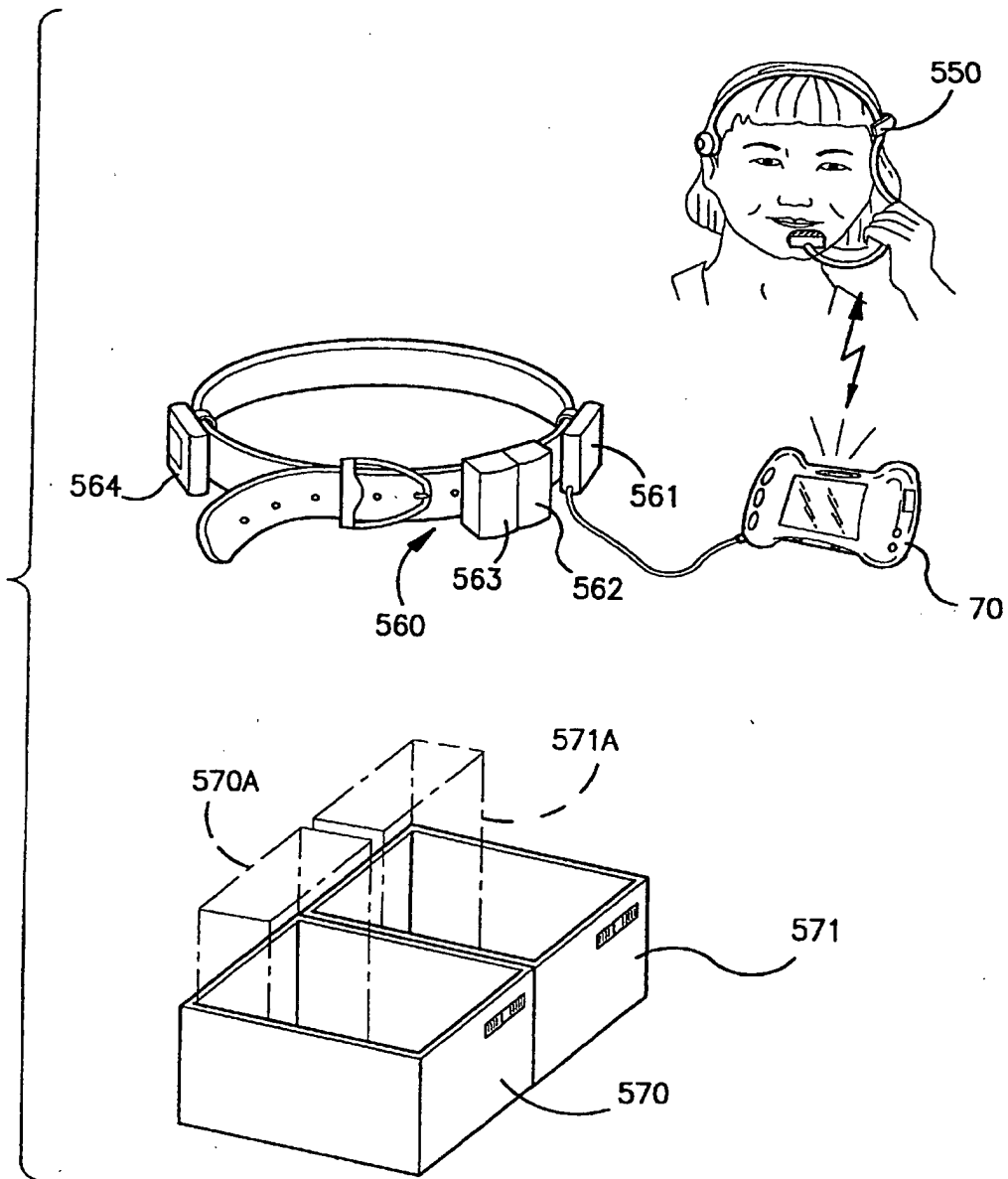


FIG.12



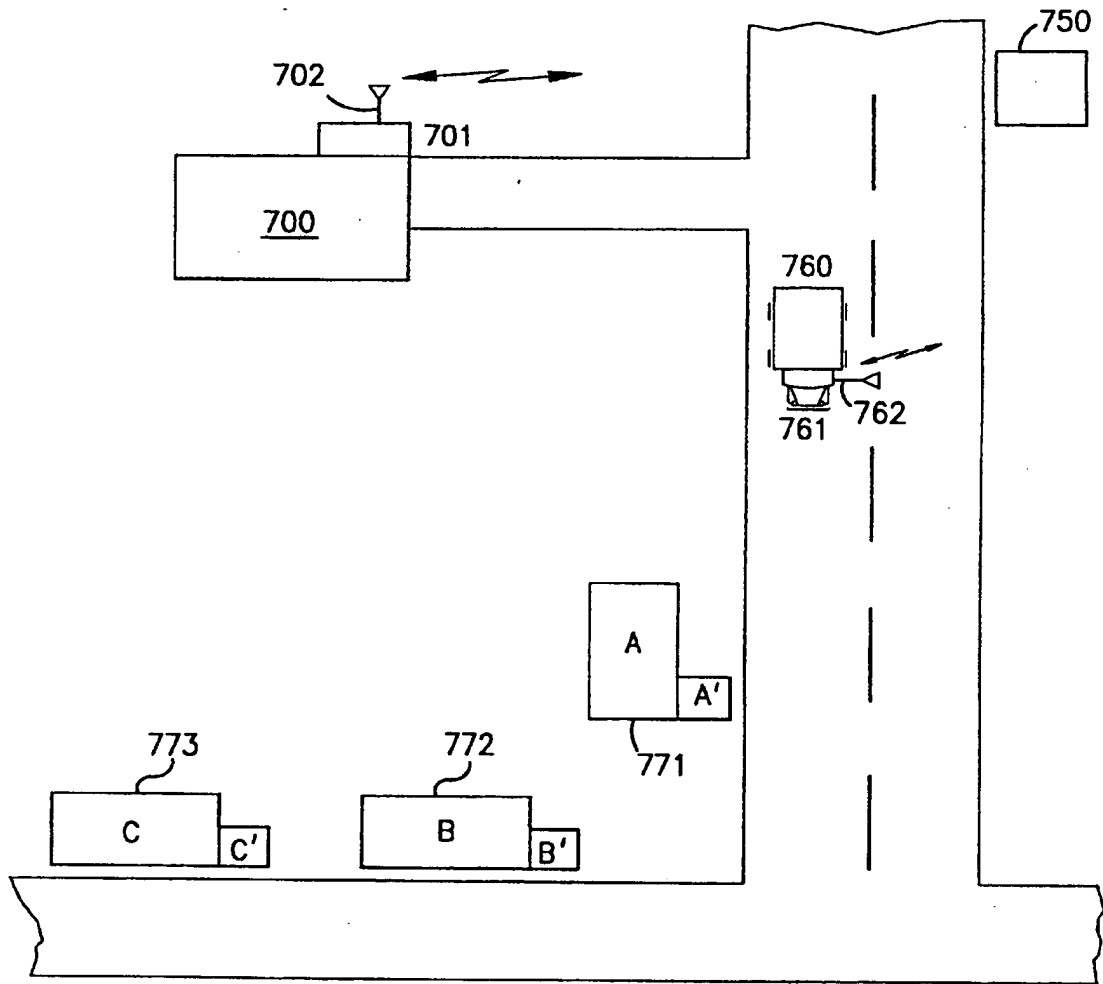


FIG.13

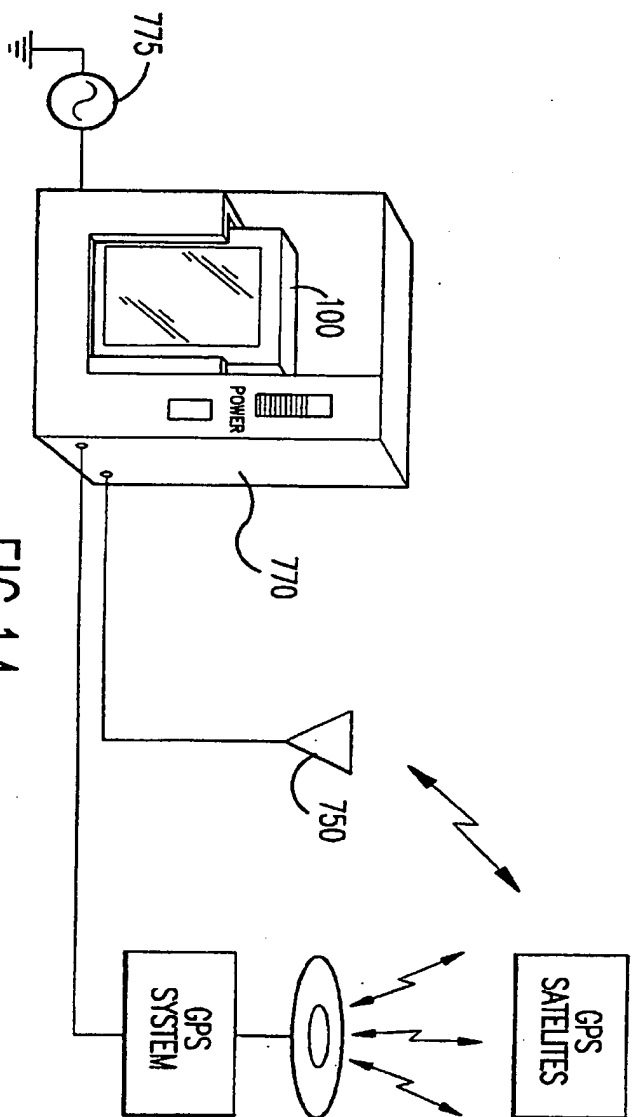


FIG. 14

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

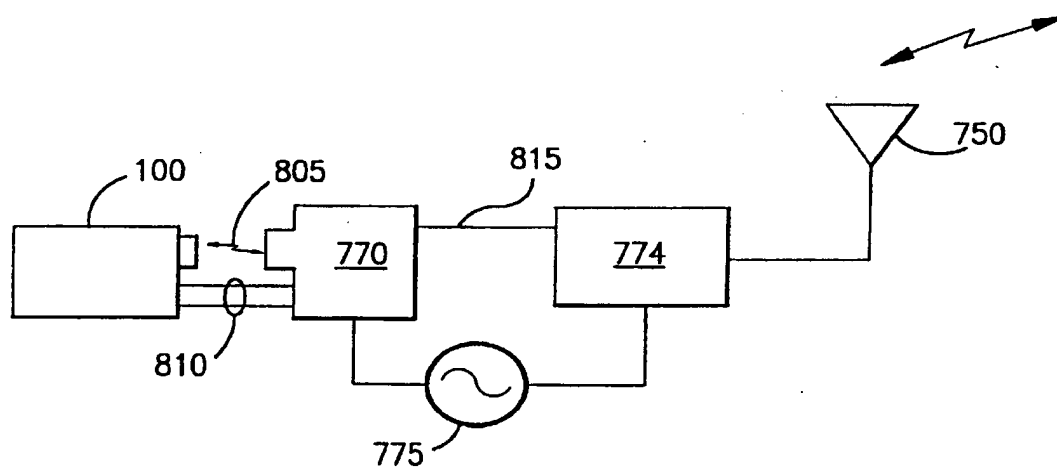


FIG.15